

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Alex T. Roth

Serial No. :

Art Unit:

Filed :

Examiner:

For : Devices for Less-Invasive Intracardiac  
Interventions

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November 21, 2003

(Date of Deposit)

Brian S. Tomko

(Name of applicant, assignee, or Registered Representative)



(Signature)

November 21, 2003

(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

- ☐ Statement in Accordance with §1.97(e) (attached); or
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☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with §1.97(e) (attached); or
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☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☒ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☒ Copies of references listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/941,188, filed August 28, 2001, which is a continuation of application Serial No. 08/662,119, filed June 12, 1996, issued on February 12, 2002 as US Patent No. 6,346,074, which is a continuation-in-part of application Serial No. 08/425,179, filed April 20, 1995, issued on August 25, 1998 as US Patent No. 5,797,960, which is a continuation-in-part of application Serial No. 08/163,241, filed December 6, 1993, issued on November 5, 1996 as US Patent No. 5,571,215, which is a continuation-in-part of application Serial NO. 08/023,778, filed February 22, 1993.

☐ Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-1449 are not enclosed because this U.S. patent application was filed after June 30, 2003 or this international application has entered the national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37 CFR 1.98 (a)(2)(i)).

☒ There are no listed references which are not in the English language.

☐ The relevance of those listed references which are not in the English language is as follows:

☐ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/HJRT0165C1/BST. This form is submitted in triplicate.

Respectfully submitted,



\_\_\_\_\_  
Brian S. Tomko  
Reg. No. 41,349  
Attorney for Applicants

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933-7003  
(732) 524-1239  
DATED: November 21, 2003

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

**Application Number****Filing Date****First Named Inventor**

Alex Roth

**Group Art Unit**

3738

**Examiner Name**

D. Isabella

**Attorney Docket Number**

HRT0165C1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		3124136		Usher.	3/1964	
		3409013		Berry.	6/1970	
		3874388		King et al.	4/1975	
		3961632		Moossum.	12/1976	
		4007743		Blake.	2/1977	
		4061135		Widran et al.	12/1997	
		4173981		Mortensen	3/1986	
		4201199		Smith	6/1989	
		4345600		Rothfuss	8/24/82	
		4573473		Hess.	3/1986	
		4598698		Siegmund.	7/1986	
		4605002		Rebuffat	8/12/86	
		4621638		Silvestrini.	11/1986	
		4628937		Hess et al.	12/1986	
		4655218		Kulik et al.	3/1987	
		4665906		Jervis	5/19/87	
		4779611		Grooters et al.	10/25/88	
		4786155		Fantone et al.	10/1990	
		4808163		Laub	2/1989	
		4822345		Danforth.	4/1989	
		4836204		Landymore et al.	6/1989	
		4901721		Hakki.	2/1990	
		4915107		Rebuffat et al.	4/10/90	
		4917089		Sideris.	4/1990	
		4960424		Grooters.	10/1990	
		5011469		Buckberg et al.	4/1991	
		5029574		Shimamura et al.	7/1991	
		5032128		Alonso.	3/1991	
		5041130		Cosgrove et al.	9/1991	
		5053046		Janese.	10/1991	

	5067957	Jervis	11/26/91
	5104393	Isner et al.	1/1992
	5108420	Marks.	4/1992
	5109859	Jenkins	4/1992
	5122122	Allgood	6/1992
	5147374	Fernandez.	9/1992
	5178133	Pena.	1/1993
	5183464	Dubrul et al.	2/2/93
	5188619	Myers	2/1993
	5188636	Fedotov	2/23/93
	5192301	Kamiya et al.	3/1993
	5197979	Quintero et al.	3/1993
	5203776	Durfee	4/1993
	5209747	Knoepfler	5/11/93
	5242457	Akopov et al.	9/7/93
	5250038	Melker et al.	10/1993
	5275166	Vaitekunas et al.	1/4/94
	5284488	Sideris.	2/1994
	5293869	Edwards et al.	3/1994
	5308320	Safar et al.	5/1994
	5309896	Moll et al.	5/10/94
	5309910	Edwards et al.	5/1994
	5312341	Turi	5/17/94
	5312344	Grinfeld et al.	5/1994
	5313943	Houser et al.	5/1994
	5314466	Stern et al.	5/1994
	5318525	West et al.	6/1994
	5328467	Edwards et al.	7/1994
	5329927	Gardineer et al.	7/19/94
	5330492	Haugen	7/19/94
	5332402	Teitelbaum	7/1994
	5334210	Gainturco	8/2/94
	5334217	Das.	8/1994
	5336182	Lundquist et al.	8/1994
	5337734	Saab	8/1994
	53383117	Hasson et al.	8/16/94
	5339800	Wiita et al.	8/1994
	5,345937	Middleman et al.	9/13/94
	5346459	Allen.	9/1994

	5353783	Nakao et al.	10/1994
	5358478	Thompson et al.	10/1994
	5358488	Suriyapa.	10/1994
	5361752	Moll et al.	11/1994
	5363861	Edwards et al.	11/1994
	5364351	Heinzelman et al.	11/1994
	5368592	Stern et al.	11/1994
	5380291	Kaali	1/10/95
	5381794	Tei et al.	1/17/95
	5381795	Nordgren et al.	1/17/95
	5383466	Partika	1/24/95
	5383888	Zvenyatsky et al.	1/24/95
	5385156	Oliva	1/1995
	5386817	Jones	2/7/95
	5391156	Hildwein et al.	3/1995
	5397331	Himpens et al.	3/1995
	5400770	Nakao et al.	3/1995
	5402772	Moll et al.	4/4/95
	5403328	Shallman	4/1995
	5403329	Hinchcliffe	4/1995
	5405360	Tovey.	4/1995
	5409483	Campbell et al.	4/1995
	5411481	Allen et al.	5/1995
	5421323	Herrmann et al.	6/1995
	5423809	Koicek	6/1995
	5425357	Moll et al.	6/1995
	4525737	Burbank et al.	6/1995
	5425744	Fagan et al.	6/1995
	5425747	Brotz	6/1995
	5433700	Peters.	7/1995
	5433727	Sideris.	7/1995
	5450843	Moll et al.	9/1995
	5451235	Lock et al.	9/1995
	5486193	Bourne et al.	11/1995
	5507811	Koike et al.	4/1996
	5609562	Kaali	3/1997
	5613947	Chin.	3/1997
	5797960	Stevens et al.	8/1998

# FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				
		BE	1045304			1/1979		
		DE	42 22 291	C1		7/1992		
		EP	218275					
		EP	0 573 273		General Surgical Innovation Inc.	6/1993		
		WO	93/10714			6/1993		
		WO	93/13712			7/1993		
		WO	9320742					
		WO	95/30374			11/1995		
		WO	94/13211	A1	Perclose, Inc.	06-23- 1994		
		WO	95/01190	A1	W.L. Gore & Associates, Inc.	01-12- 1995		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 3

<b>Application Number</b>	
<b>Filing Date</b>	
<b>First Named Inventor</b>	Alex Roth
<b>Group Art Unit</b>	3738
<b>Examiner Name</b>	D. Isabella
<b>Attorney Docket Number</b>	HRT0165C1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Archives of Surgery 9(3):part III:689-821 (1924).	
		Berrekouw, E. et al. "Revival of Right Thoracotomy to Approach Atrio-ventricular Valves in Reoperations," Thorac. cardiovasc. Surgeon 32 (1984) 331-333.	
		Boutin et al. "Echocardiographic Follow-up of Atrial Septal Defect After Catheter Closure by Double-Umbrella Device" Circulation 88:621-627 (1993).	
		Buckberg, G. D., M. D. "Strategies and Logic of Cardioplegic Delivery to Prevent, Avoid, and Reverse Ischemic and Reperfusion Damage," J Thorac Cardiovasc Surg 1987, 93:127-139.	
		Burke et al. "Surgery for Congenital Heart Disease" J. Thorac Cardiovasc Surg 109(3):499-508 (1995).	
		Cohn, L. H. et al. "Right Thoracotomy, Femorofemoral Bypass, and Deep Hypothermia for Re-replacement of the Mitral Valve," Ann. Thorac. Surg. 1989; 48:69-71.	
		Coltharp, William H., et al. "Videothorascopy . . ." Ann Thorac Surg 1992;53:776-9.	
		Cosgrove, D. M. "Management of the Calcified Aorta: An Alternative Method of Occlusion" Ann Thorac Surg. 36:718-719 (1983).	
		Cox et al. "Five-Year Experience With the Maze Procedure for Atrial Fibrillation" Ann Thorac Surg 56:814-824 (1993).	
		Cox et al. "The surgical treatment of atrial fibrillation I. Summary of the current concepts of the mechanisms of atrial flutter and atrial fibrillation" J. Thorac Cardiovasc Surg 101(3):402-405 (1991).	
		Cox et al. "The surgical treatment of atrial fibrillation II. Intraoperative electrophysiologic mapping and description of the electrophysiologic basis of atrial flutter and atrial fibrillation." J. Thorac Cardiovasc Surg 101(3):406-426 (1991).	
		Cox et al. "The surgical treatment of atrial fibrillation III. Development of a definitive surgical procedure." J. Thorac Cardiovasc Surg 103(4):569-583 (1991).	
		Cox et al. "The surgical treatment of atrial fibrillation IV. Surgical technique." J. Thorac Cardiovasc Surg 103(4):584-592 (1991).	
		Crooke et al., "Biventricular Distribution of Cold Blood Cardioplegic Solution Administered by Different Retrograde Techniques," J. Cardiac Thorac. Surg., 1991, 102:4, 631-636.	
		Das et al. "Experimental Atrial Septal Defect Closure With a New, Transcatheter, Self-Centering Device" Circulation 88:part 1:1754-1765 (1993).	
		Fishberger et al. "Intraoperative Device Closure of Ventricular Septal Defects" Circulation 88:part 2:205-209 (1993).	
		Friedman et al. "Successful Closure of a previously unsuspected atrial septal defect by an implantable Clamshell.TM. Device and subsequent transvenous pacemaker implantation." Texas Heart J 21:161-6 (1994).	
		Friedman, R.A. et al., "Successful Closure of a Previously Unsuspected Atrial Septal Defect by an Implantable Clamshell.TM. Device and Subsequent Transvenous Pacemaker Implantation." Texas Heart Journal 21:161-6 (1994).	
		Fundaro, P. et al. "Towards an easier and safer reoperation of the atrioventricular valves The right anterolateral thoracotomy approach without pericardial dissection," J. Cardiovasc. Surg. 30, 1989, 779-781.	
		Galal et al. "Peri-operative complications following surgical closure of atrial septal defect type II in 232 patients--a baseline study," European Heart J, 15:1381-1384 (1994).	
		Ganz et al. "Supraventricular Tachycardia" New England J of Med 332(3):162-173 (1995).	
		Gray et al. "Clinical Outcomes and Costs of Transcatheter as Compared with Surgical Closure of Patent Ductus Arteriosus" 329(21):1517-1523 (1993).	
		Gray et al. "Examination of the early 'learning curve' for transcatheter closure of patent ductus arteriosus using the Rashkind occluder", Circulation, 90:II-36-II-42 (1994).	
		Grifka et al. "New Guianurco-Grifka Vascular Occlusion Device. Initial Studies in a Canine Model", Circulation, 91:1840-1846 (1995).	
		Guffi et al. "Surgical Closure of the Patent Ductus Arteriosus with an Intravascular Prosthesis: Clinical Experience" J. Card. Surg. 9:343-347 (1994).	
		Gundry et al. "A Comparison of Retrograde Cardioplegia Versus Antegrade Cardioplegia in the Presence of Coronary Artery Obstruction," Ann. Thorac. Surg., Aug. 1984, 38:2, 124-127.	
		H. G. Erath, Jr. and William S. Stoney, Jr. "Balloon Catheter Occlusion of the Ascending Aorta" Ann Thorac Surg. 35:560-561 (1983).	
		Hickey et al. "Transcatheter Closure of Atrial Septal Defects: Hemodynamic Complications and Anesthetic	

	Management" <i>Anesth Analg</i> 74:44-50 (1992).	
	Ishizaka, "Myocardial Protection by Retrograde Cardiac Perfusion with Cold Medified Krebs Solution Through Coronary Sinus During Complete Ischemic Arrest for 120 min.," <i>J. Jpn. Assn. Thorac. Surg.</i> , 1977, 25:12, 1592-1601.	
	J. H. Foster and J. B. Threlkel "Proximal Control of Aorta with a Balloon Catheter" <i>Surg, Gynecology &amp; Obstetrics</i> pp. 693-694 (1971).	
	Jamieson, W. R. Eric. "Modern Cardiac Valve Devices-Bioprostheses and Mechanical Prostheses" <i>J Card Surg</i> 1993;8:89-98.	
	Khan et al. "Blade Atrial Septostomy: Experience With the First 50 Procedures" <i>Catheterization and Cardiovascular Diagnosis</i> 23:257-262 (1991).	
	Khan et al. "Experience with 205 procedures of transcatheter closure of ductus arteriosus in 182 patients, with special reference to residual shunts and long-term follow-up." <i>J. Thorac and Cardiovasc Surg.</i> 104(6):1721-1727 (1992).	
	Landrenseau, Rodney J., et al. "Video-Assisted Thoracic Surgery . . ." <i>Ann Thorac Surg</i> 1992;54:800-7.	
	Latson et al. "Endocarditis Risk of the USCI PDA Umbrella for Transcatheter Closure of Patent Ductus Arteriosus", <i>Circulation</i> , 90:2525-2528 (1994).	
	Laussen et al. "Transcatheter closure of ventricular septal defects: Hemodynamic instability and anesthetic management", <i>Anesth Analg</i> , 80:1076-82 (1995).	
	Lloyd et al. "Atrial Septal Defect Occlusion with the Buttoned Device (a Multi-Institutional U.S. Trial)" <i>Am J. Cardiol</i> 73:286-291 (1994).	
	Lock et al. "Transcatheter Closure of Atrial Septal Defects--Experimental Studies" <i>Circulation</i> 79:1091-1099 (1989).	
	Lock et al. "Transcatheter umbrella closure of congenital heart defects" <i>Circulation</i> 75(3):593-599 (1987).	
	Lust et al. "Improved Protection of Chronically Inflow-limited Myocardium with Retrograde Coronary Sinus Cardioplegia," <i>Circulation</i> III, Nov. 1988, 78:5, 217-223.	
	Mack, et al., "Present Role of Thoracoscopy in the Diagnosis and Treatment of Diseases of the Chest," <i>The Society of Thoracic Surgeons</i> , 1992, pp. 403-408.	
	Magovern, George J. "Sutureless Aortic and Mitral Prosthetic Valves" <i>J. Thoracic and Cardiovasc Surg</i> 1964;48(3):346-361.	
	Mandell et al. "Devices for Transcatheter Closure of Intracardiac Defects" <i>AJR</i> 160:179-184 (1993).	
	Medi.cndot.tech.RTM., Instructions for Use, Occlusion Balloon Catheters Rev. Mar. 1991, p. 1-7.	
	Meditech .RTM., Instructions for Use, Occlusion Balloon Catheters Rev. 3/91. pp. 1-7.	
	Mills et al. "Nonoperative closure of left-to-right shunts" <i>J. Thorac Cardiovasc Surg</i> 72(3):371-378 (1976).	
	Mills et al. "Umbrella catheter for nonoperative closure of atrial septal defects" <i>Medical Instrumentation</i> 12(1):65-69 (1978).	
	Minich et al. "Echocardiographic Guidance During Placement of the Buttoned Double-Disk Device for Atrial Septal Defect Closure" <i>Echocardiography</i> 10(6):567-572 (1993).	
	Nykanen et al. "Transcatheter patent ductus arteriosus occlusion: Application in the small child" <i>J Am Coll Cardiol</i> 23(7):1666-1670 (1994).	
	Nykanen, D. G. et al. "Transcatheter Patent Ductus Arteriosus Occlusion: Application in the Small Child" <i>JACC</i> 23(7):1666-1670 (1994).	
	Ogawa, K., "Aortic Arch Reconstruction Without Aortic Cross-clamping Using Separate Extracorporeal Circulation," <i>J. Jpn. Assn. Thorac. Surg.</i> , 1993, pp. 2185-2190.	
	Ozuner, et al "Creation of pericardial window using Thoracoscopic Techniques" <i>Surgery</i> , Jul. 1992 vol. 175 pp. 69-71.	
	Park et al. "Clinical Use of Blade Atrial Septostomy" <i>Circulation</i> 58(4):600-606 (1978).	
	Pavcnik et al. "Monodisk: Device for Percutaneous Transcatheter Closure of Cardiac Septal Defects" <i>Cardiovasc Intervent Radiol</i> 16:308-312 (1993).	
	Pearl et al. "Spontaneous Closure of Fenestrations in an Inteatrial Gore-Tex Patch: Application to the Fontan Procedure", <i>Ann Thorac Surg</i> , 57:611-4 (1994).	
	Peters, W. S., "The Promise of Cardioscopic Surgery," <i>Austral. As. J. Cardiac Thorac. Surg.</i> , 1993, 2:3:152-154.	
	Pozza et al. "Transcatheter Occlusion of Patent Ductus Arteriosus Using a Newly Developed Self-Expanding Device. Evaluation in a Canine Model" <i>Investigative Radiology</i> , 30(2):104-109 (1995).	
	Rao et al. "Echocardiographic estimation of balloon-stretched diameter of secundum atrial septal for transcatheter occlusion" <i>Am Heart J</i> 124:172-175 (1992).	
	Rao et al. "International experience with secundum atrial septal defect occlusion by the buttoned device", <i>Am Heart J</i> , 128(5):1022-1035, (1994).	
	Rao et al. "Relationship of echocardiographic, shunt flow, and angiographic size to the stretched diameter of the atrial septal defect" <i>Am Heart J</i> 122:505-508 (1991).	
	Rao et al. "Role of "buttoned" double-disc device in the management of atrial septal defects" <i>Am Heart J</i> 123(1):191-200 (1992).	
	Rao et al. "Transcatheter Closure of Atrial Septal Defect by Buttoned Devices" <i>Am J Cardiol</i> 69:1056-1061 (1992).	
	Razi, D. M. "The Challenge of Calcific Aortitis," <i>J. Cardiac Thorac. Surg.</i> , 1993, 8:102-107.	
	Reddy et al. "Echocardiographic predictors of success of catheter closure of atrial septal defect with the buttoned device", <i>Am Heart J</i> , 129:76-82 (1995).	
	Redington et al. "Novel uses of the Rashkind ductal umbrella in adults and children with congenital heart disease" <i>Br Heart J</i> 69:47-51 (1993).	
	Rigby et al. "Primary transcatheter umbrella closure of perimembranous ventricular septal defect", <i>Br Heart J</i> , 72:368-371 (1994).	

		Rosenfeld et al. "Echocardiographic Predictors of Candidacy for Successful Transcatheter Atrial Septal Defect Closure", Catheterization and Cardiovasc Diagnosis, 34:29-34 (1995).	
		Sabiston, D. C., Textbook of Surgery, 10th Ed., 1972, pp. 2021-2023, pp. 2114-2121.	
		Sakaguchi, H. et al., "Aortic Valve Replacement and Coronary Artery Bypass" J. Japanese Assoc. for Thoracic Surgery 41(6):1063-1068 (1993).	
		Takahashi, M., "Retrograde Coronary Sinus Perfusion for Myocardial Protection in Aortic Valve Surgery, " J. Jpn. Assn. Thorac. Surg., 1982, 30:3 306-318.	
		Tribble, C. G. et al. "Anterolateral Thoracotomy as an Alternative to Repeat Median Sternotomy for Replacement of the Mitral Valve," Ann. Thorac. Surg. 43:380-382, Apr. 1987.	
		Tynan et al. "Transcatheter occlusion of persistent arterial duct" The Lancet 340:1062-1066 (1992).	
		van der Velde et al. "Transesophageal echocardiographic guidance of transcatheter ventricular septal defect closure" JACC 23(7):1660-1665 (1994).	
		Wakabayashi, Akio. "Expanded Applications of Diagnostic and Therapeutic Thoracoscopy" J Thorac and Cardiovasc Surg 1991;102:721-3.	
		Williamson et al. "Radiofrequency catheter modification of atrioventricular conduction to control the ventricular rate during atrial fibrillation" New England J Med 331(14):910-917 (1994).	
		Yamaguchi, A. et al. "A Case of a Reoperation Using a Balloon Catheter With Blocked Pars Acendes Aortae," Kyobu Geka, Oct. 1991, 42:11:961-964.	

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